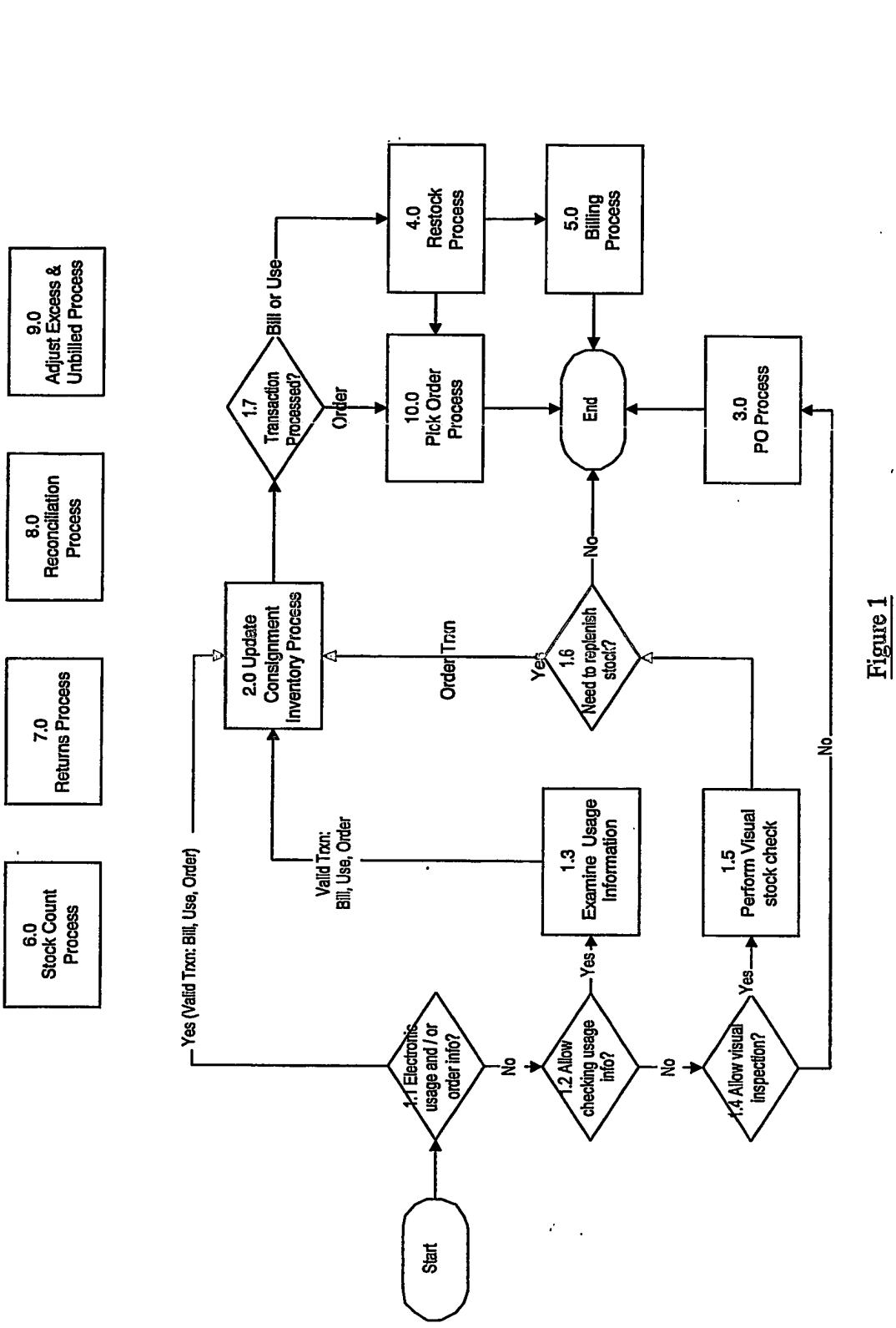
6.0 Stock Count Process
7.0 Returns Process
8.0 Reconciliation Process
9.0 Adjust Excess & Unbilled Process
Start
1.1 Electronic usage and / or order info?
Yes (Valid Txn: Bill, Use, Order)
No
1.2 Allow checking usage info?
Yes
1.3 Examine Usage Information
No
1.4 Allow visual inspection?
Yes
1.5 Perform Visual stock check
No
Valid Txn: Bill, Use, Order
2.0 Update Consignment Inventory Process
1.7 Transaction Processed?
Bill or Use
Order
4.0 Restock Process
5.0 Billing Process
10.0 Pick Order Process
End
3.0 PO Process
Order Txn
Yes
1.6 Need to replenish stock?
No

Figure 1

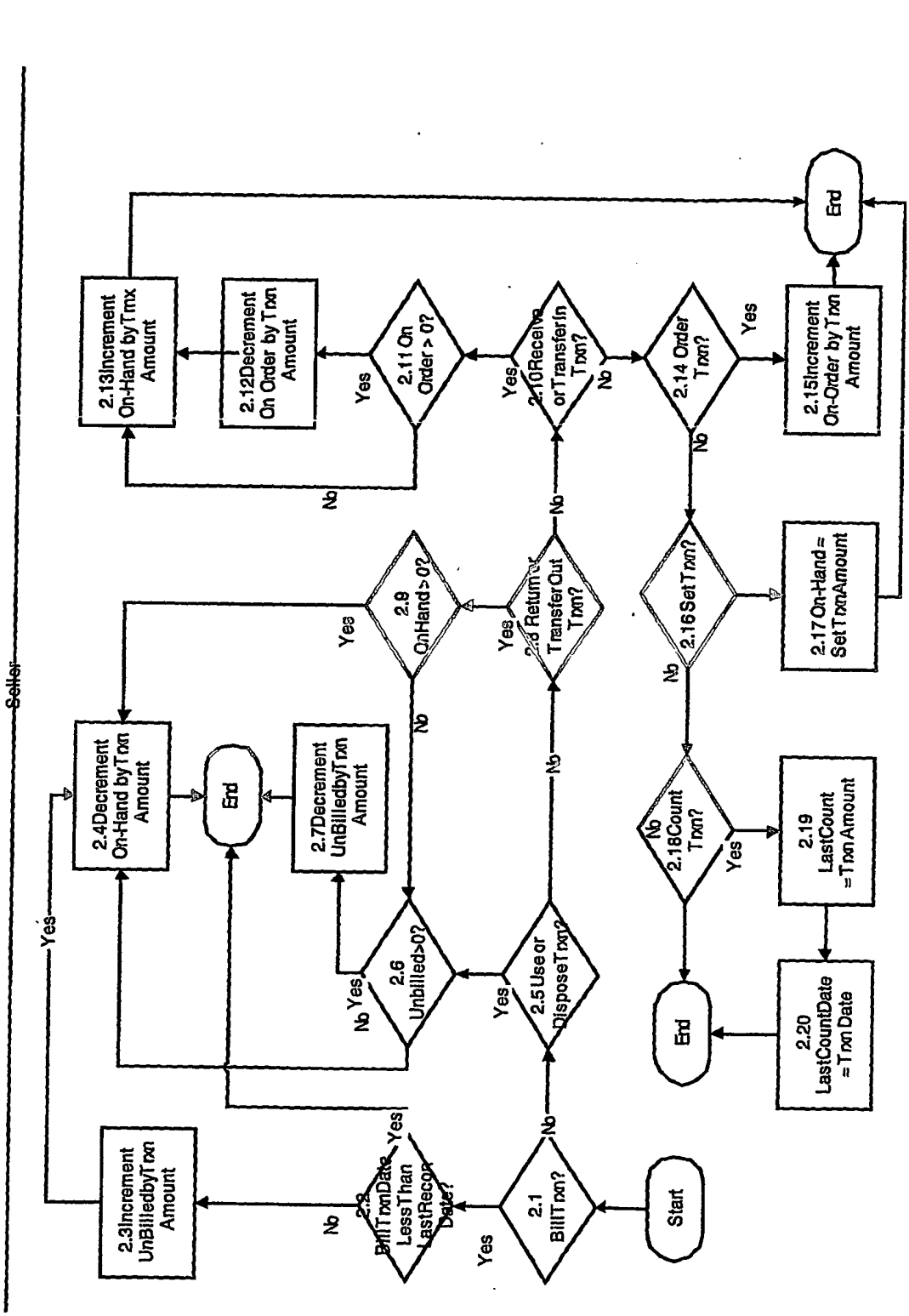
Seller
Start
2.1 BillTxn?
2.2 BillTxnDate LessThan LastRecon Date?
2.3Increment UnBilledbyTxn Amount
2.4Decrement On-Hand byTxn Amount
2.5 Use or DisposeTxn?
2.6 Unbilled>0?
2.7Decrement UnBilledbyTxn Amount
2.8 Return or TransferOut Txn?
2.9 OnHand>0?
2.10Receive or TransferIn Txn?
2.11 On Order > 0?
2.12Decrement On Order by Txn Amount
2.13Increment On-Hand byTmx Amount
2.14 Order Txn?
2.15Increment On-Order by Txn Amount
2.16SetTxn?
2.17 On-Hand = SetTxnAmount
2.18Count Txn?
2.19 LastCount =TxnAmount
2.20 LastCountDate =Txn Date
End
Yes
No

Figure 2

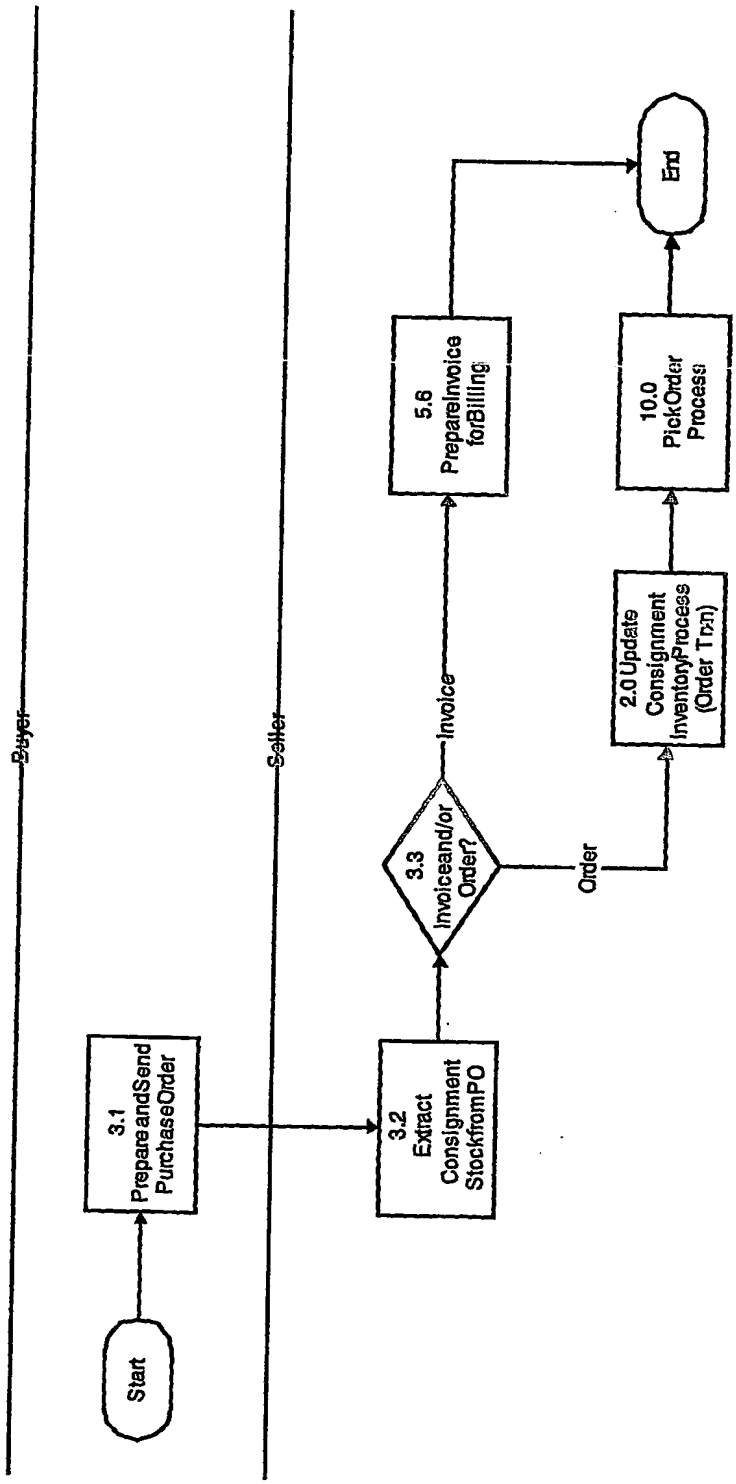
Buyer
Seller
Start
3.1 Prepare and Send Purchase Order
3.2 Extract Consignment Stock from PO
3.3 Invoice and/or Order?
Invoice
Order
5.6 Prepare Invoice for Billing
2.0 Update Consignment Inventory Process (Order Txn)
10.0 Pick Order Process
End

Figure 3

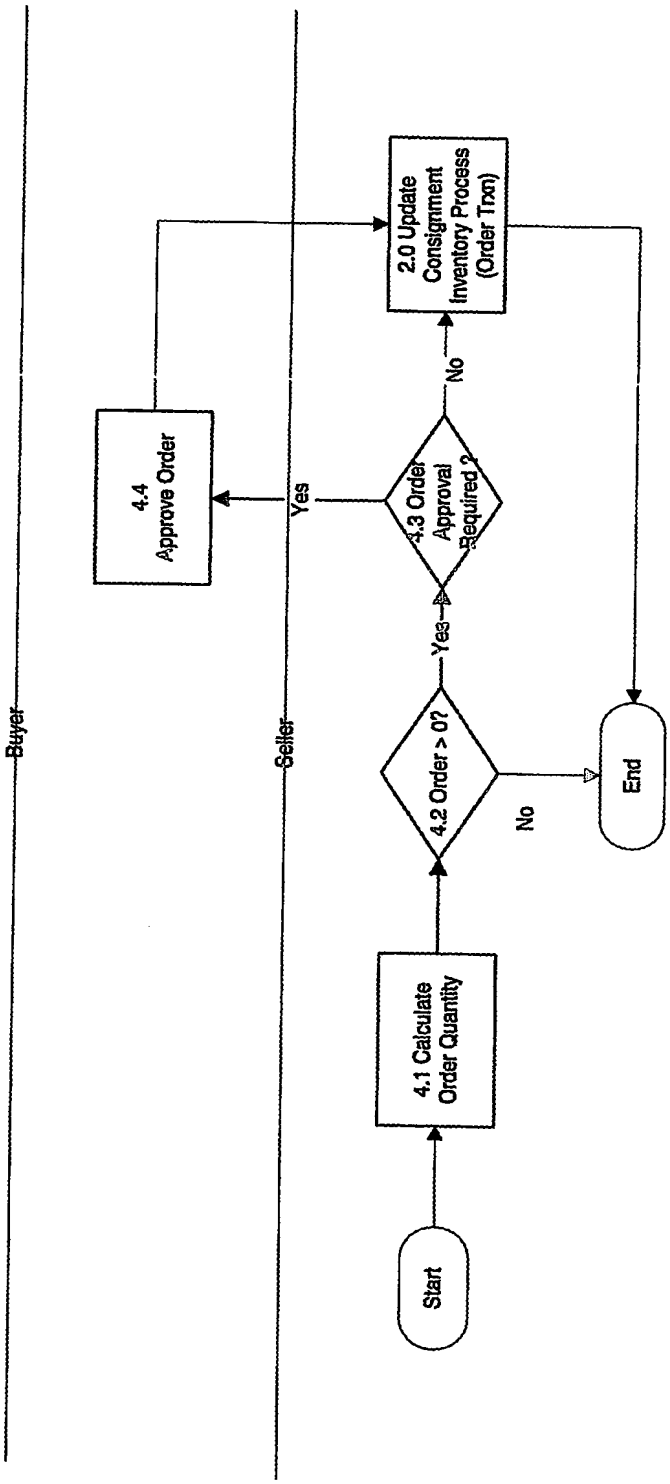
Buyer
Seller
Start
4.1 Calculate Order Quantity
4.2 Order > 0?
No
End
Yes
4.3 Order Approval Required ?
No
Yes
4.4 Approve Order
2.0 Update Consignment Inventory Process (Order Txn)

Figure 4

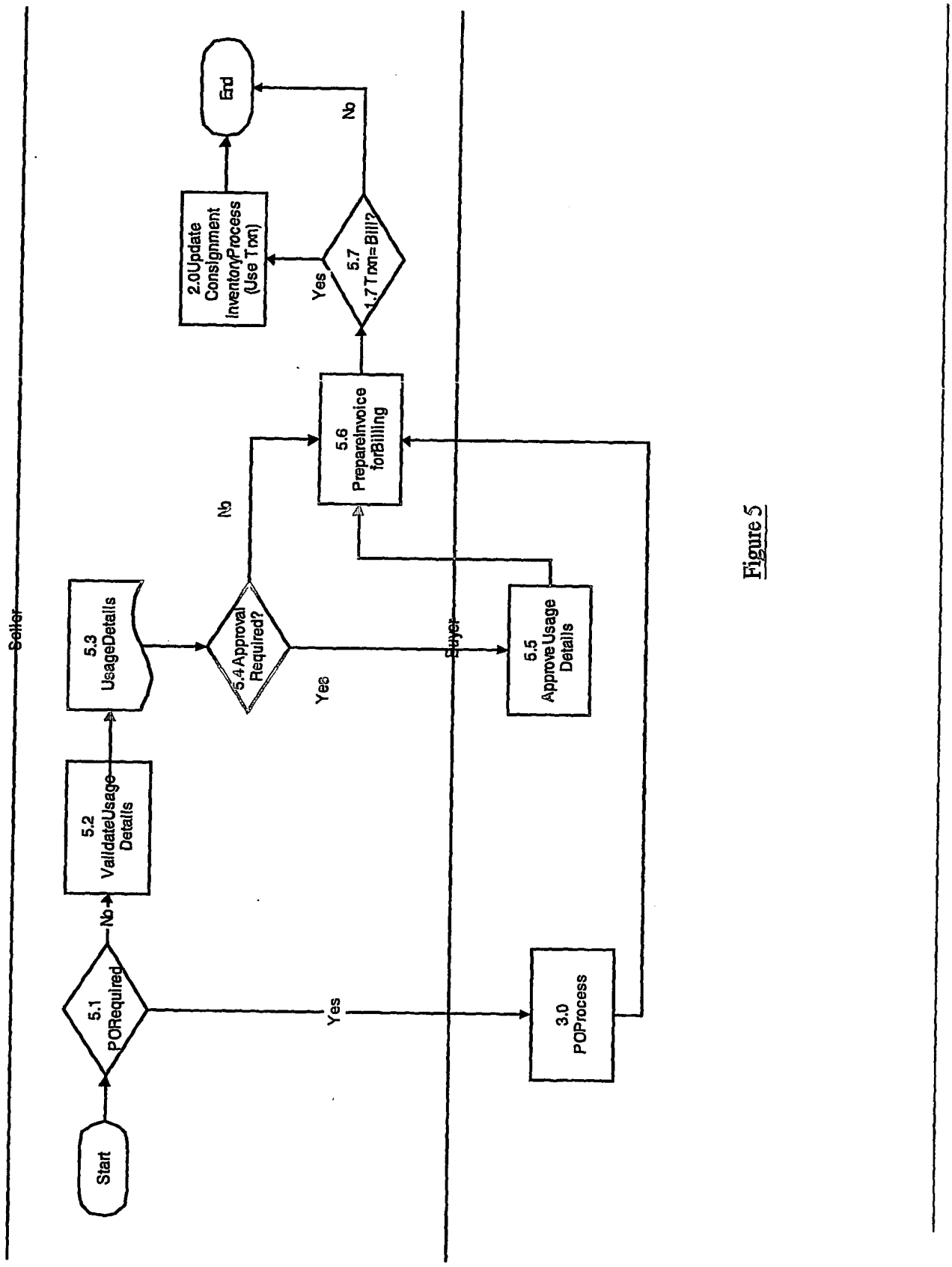
Seller
Buyer
Start
5.1 PORequired
No
Yes
5.2 ValidateUsage Details
5.3 UsageDetails
5.4 Approval Required?
Yes
No
5.5 Approve Usage Details
3.0 POProcess
5.6 PrepareInvoice forBilling
5.7 Txn=Bill?
Yes
No
2.0Update Consignment InventoryProcess (Use Txn)
End

Figure 5

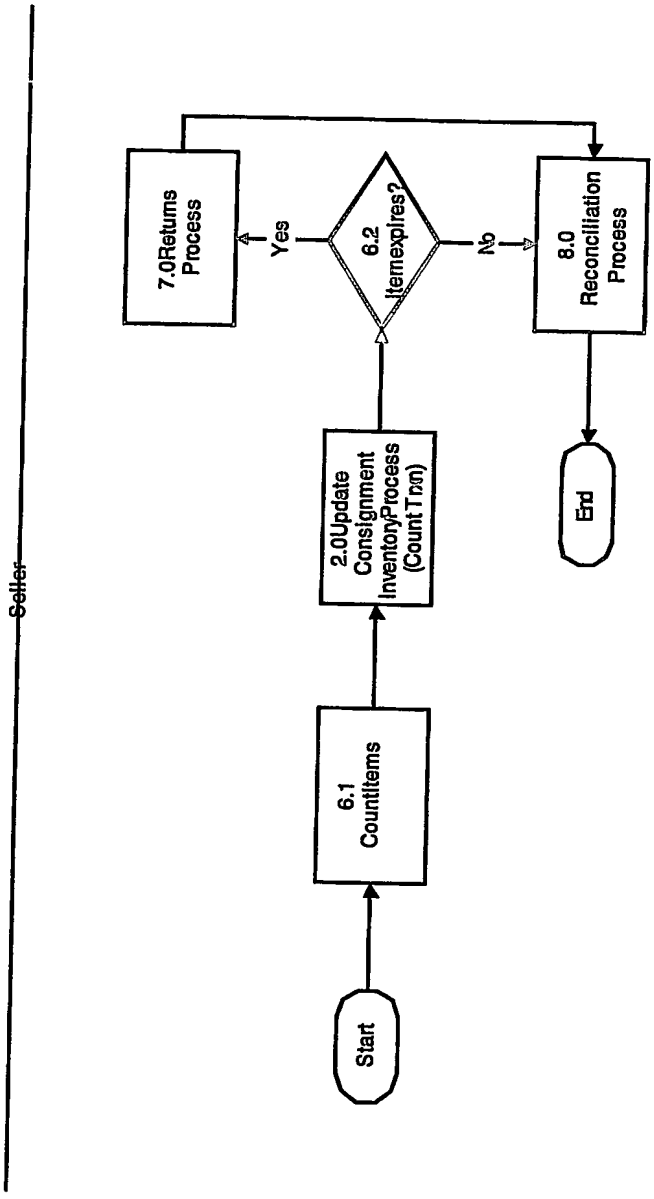
Seller
Start
6.1 Countitems
2.0Update Consignment InventoryProcess (Count Trxn)
6.2 Itemexpires?
Yes
No
7.0Retums Process
8.0 Reconciliation Process
End

Figure 6

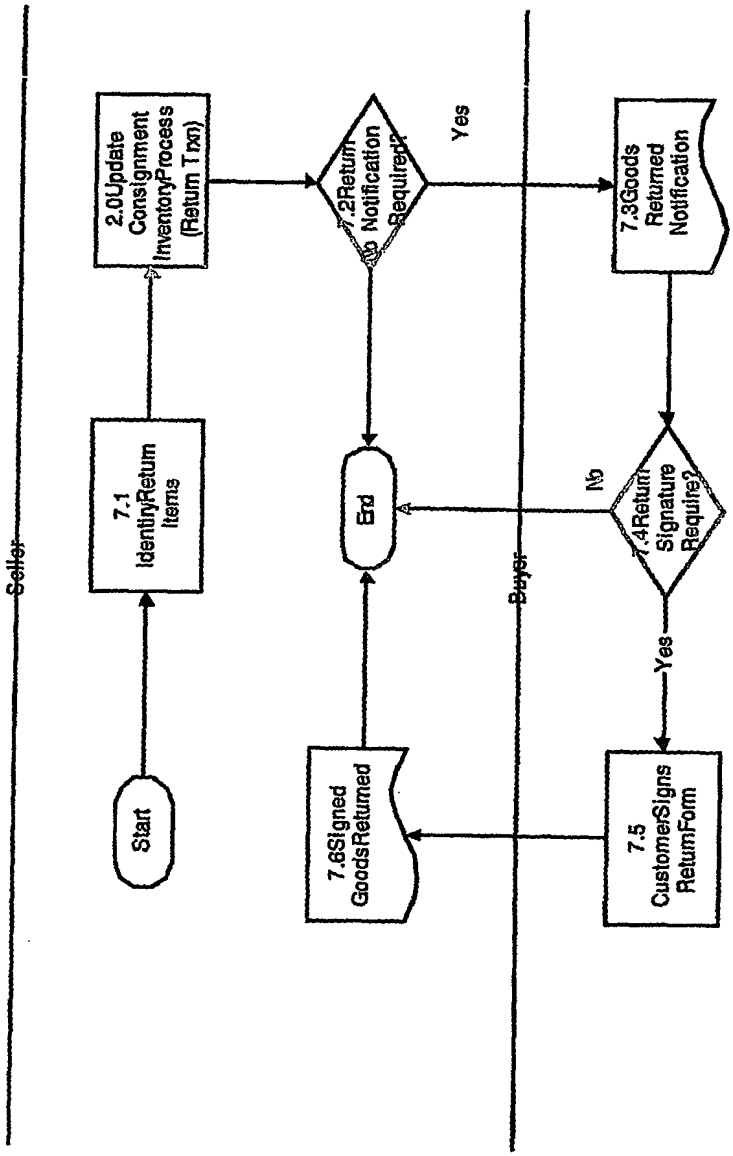
Seller
Buyer
Start
7.1 IdentifyReturn Items
2.0Update Consignment InventoryProcess (Return Txn)
7.2Return Notification Required?
Yes
No
7.3Goods Returned Notification
7.4Return Signature Require?
Yes
End
7.5 CustomerSigns ReturnForm
7.6Signed GoodsReturned

Figure 7

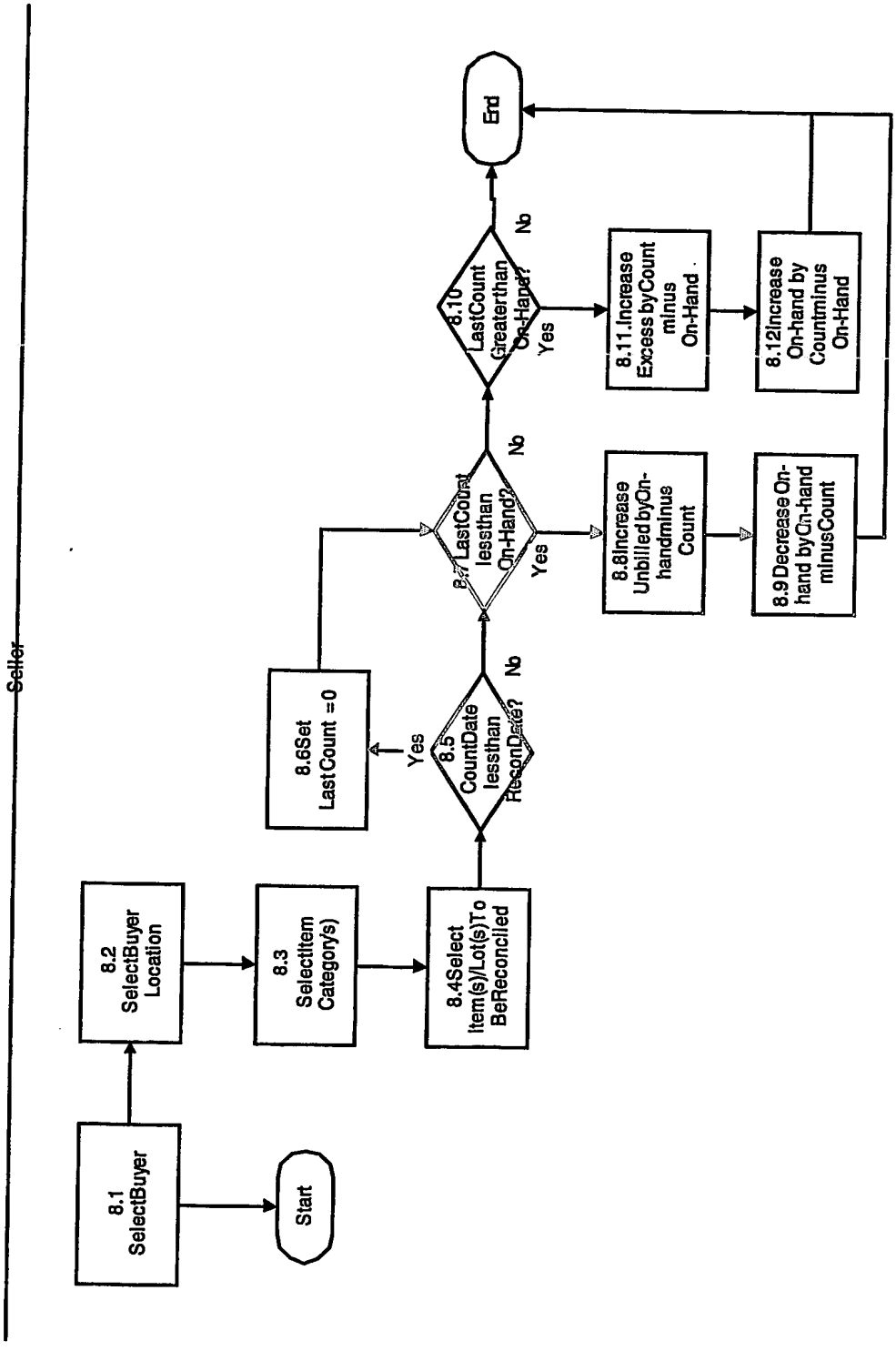
Seller
8.1 SelectBuyer
Start
8.2 SelectBuyer Location
8.3 SelectItem Category(s)
8.4Select Item(s)/Lot(s)To BeReconciled
8.5 CountDate lessthan ReconDate?
Yes
No
8.6Set LastCount =0
8.7 LastCount lessthan On-Hand?
Yes
No
8.8Increase Unbilled byOn-handminus Count
8.9 Decrease On-hand byOn-hand minusCount
8.10 LastCount Greaterthan On-Hand?
Yes
No
8.11.Increase Excess byCount minus On-Hand
8.12Increase On-hand by Countminus On-Hand
End

Figure 8

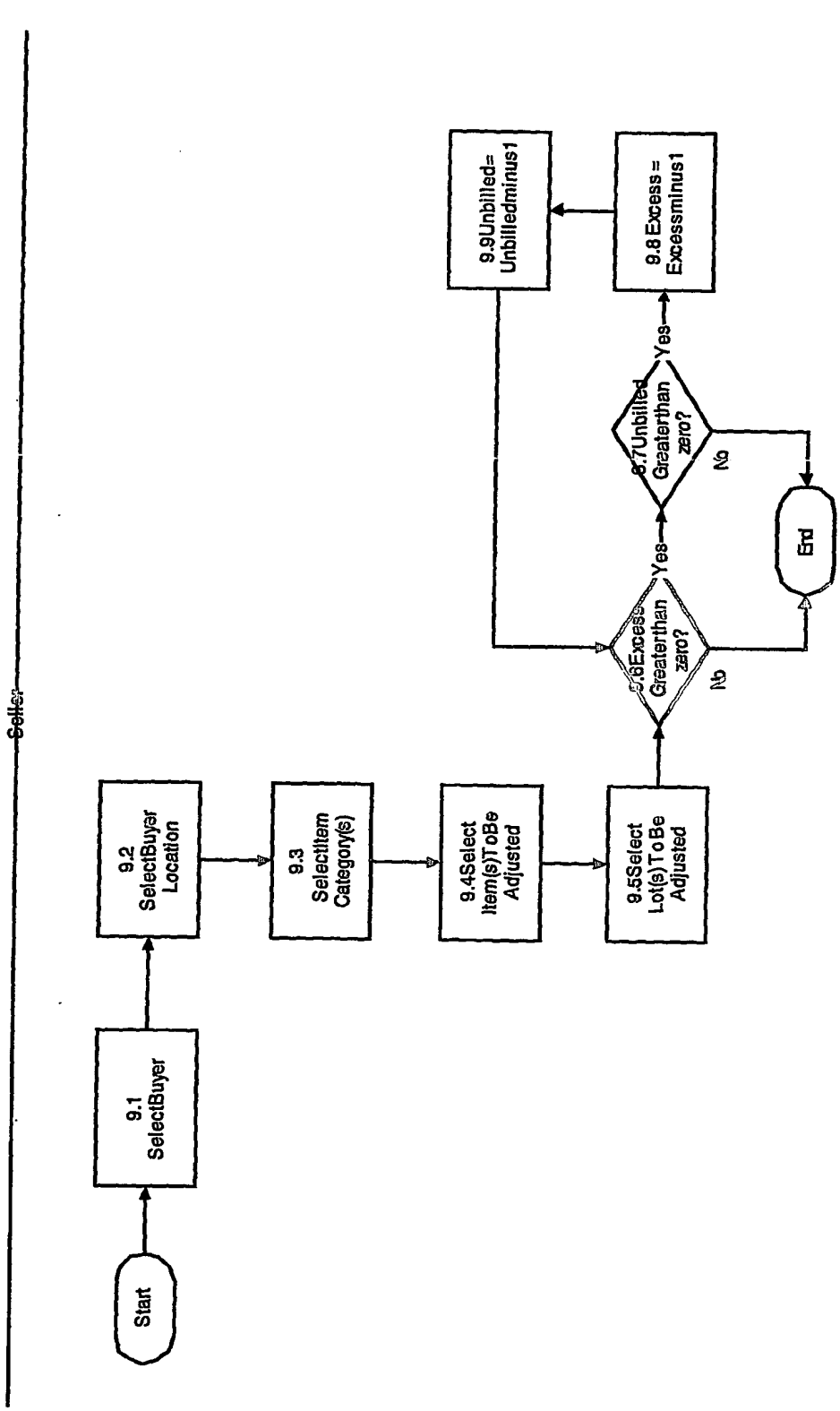
Seller
Start
9.1 SelectBuyer
9.2 SelectBuyer Location
9.3 SelectItem Category(s)
9.4Select Item(s)To Be Adjusted
9.5Select Lot(s)To Be Adjusted
9.6Excess Greaterthan zero?
Yes
No
9.7Unbilled Greaterthan zero?
Yes
No
End
9.8 Excess = Excessminus1
9.9Unbilled= Unbilledminus1

Figure 9

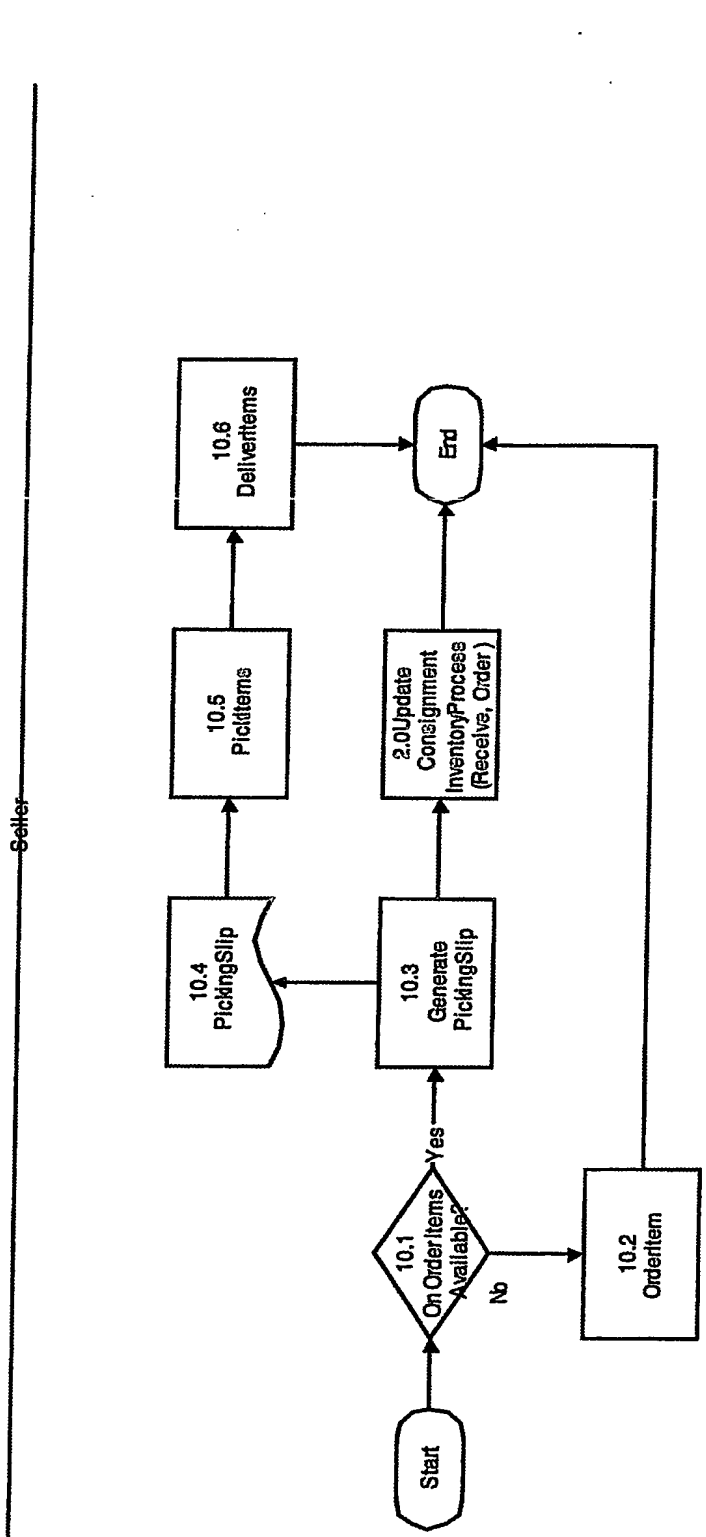
Seller
Start
10.1 On Order Items Available?
Yes
No
10.2 OrderItem
10.3 Generate PickingSlip
10.4 PickingSlip
10.5 PickItems
10.6 DeliverItems
2.0Update Consignment InventoryProcess (Receive, Order)
End

Figure 10